

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

**NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP**

Application No. **PA0272337**
APS ID **1144213**
Authorization ID **1538559**

Applicant, Facility and Project Information

Applicant Name	Brenda Fitch	Facility Name	Brenda Fitch SRSTP 1
Applicant Address	510 Columbia Hill Road	Facility Address	510 Columbia Hill Road
	Smethport, PA 16749		Smethport, PA 16749
Applicant Contact	Brenda Fitch	Facility Contact	
Applicant Phone	(814) 465-3528	Facility Phone	
Client ID	350591	Site ID	833957
SIC Code	8800	Municipality	Otto Township
SIC Description	Private Households	County	McKean
Date Application Received	August 21, 2025	WQM Required	
Date Application Accepted	August 27, 2025	WQM App. No.	Previously issued - 4219401
Project Description	Renewal for a Single residence sewage treatment plant.		

Summary of Review

The permittee is applying for reissuance of Individual Permit **PA0272337** which expired on October 31, 2024. This is a discharge into stream channel - Trib 57674 To North Branch Cole Creek. The average daily flow is projected to be 400 GPD.

The existing facility consists of (WQM Permit No. 4219401): A 1,000-gallon dual compartment septic tank with a Zabel effluent filter, a Premier Tech EC7-500-C-P Coco filter, and a Norweco LF 1000 tablet chlorinator system with a contact tank.

Act 14 notifications were submitted and received.

AMRs have not been received.

There are no open violations in WMS for the subject Client ID (350591) as of August 27, 2025.

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Approve	Deny	Signatures	Date
x		Adebayo Olude Adebayo Olude / Civil Engineer Trainee	August 27, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	August 29, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0004
Latitude	41° 53' 47.75"	Longitude	-78° 29' 25.08"
Quad Name	Eldred	Quad Code	41078H4
Wastewater Description:	Sewage Effluent		
Receiving Waters	Unnamed Tributary to North Branch Cole Creek (CWF)	Stream Code	57674
NHD Com ID	112367915	RMI	0.1300
Drainage Area	0.97	Yield (cfs/mi ²)	0.0473
Q ₇₋₁₀ Flow (cfs)	0.0459	Q ₇₋₁₀ Basis	USGS StreamStats
Elevation (ft)	1667	Slope (ft/ft)	-
Watershed No.	16-C	Chapter 93 Class.	CWF
Existing Use		Existing Use Qualifier	
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status	Name _____		
Background/Ambient Data		Data Source	
pH (SU)	7	Default	
Temperature (°F)	20	Default	
Hardness (mg/L)	100	Default	
Other:	-	-	
Nearest Downstream Public Water Supply Intake		-	
PWS Waters	-	Flow at Intake (cfs)	-
PWS RMI	-	Distance from Outfall (mi)	-

Changes Since Last Permit Issuance: Elevation was revised using Google Earth. Drainage Area and Q₇₋₁₀ Flow were revised using USGS StreamStats.

Other Comments: This SRSTP was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the use of a Premier Tech EC7-500-C-P Coco filter.

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

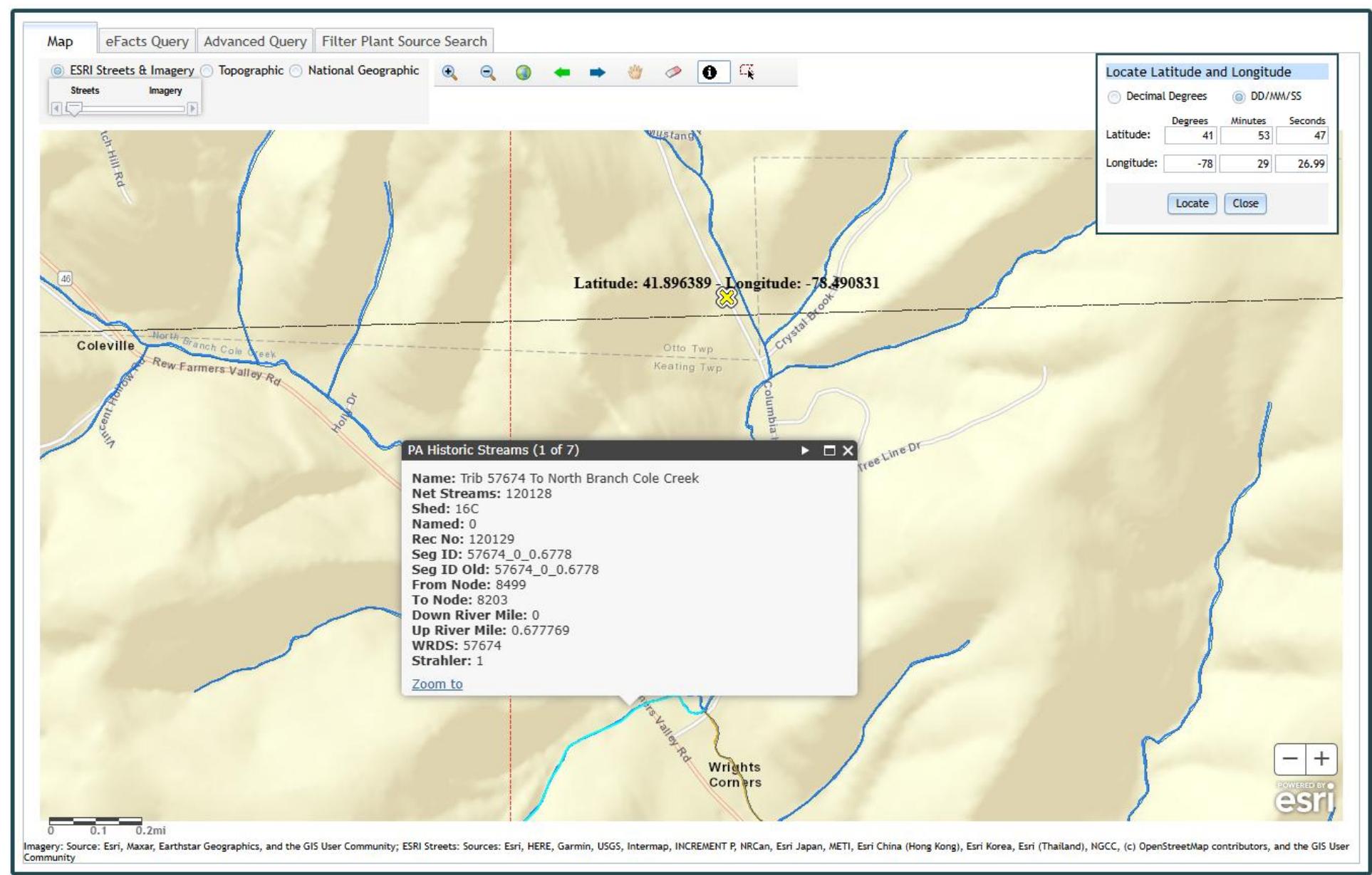
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	XXX	1/year
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Upon Request	Grab
TRC	XXX	XXX	XXX	Report Avg Mo	XXX	Report	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001, after disinfection.

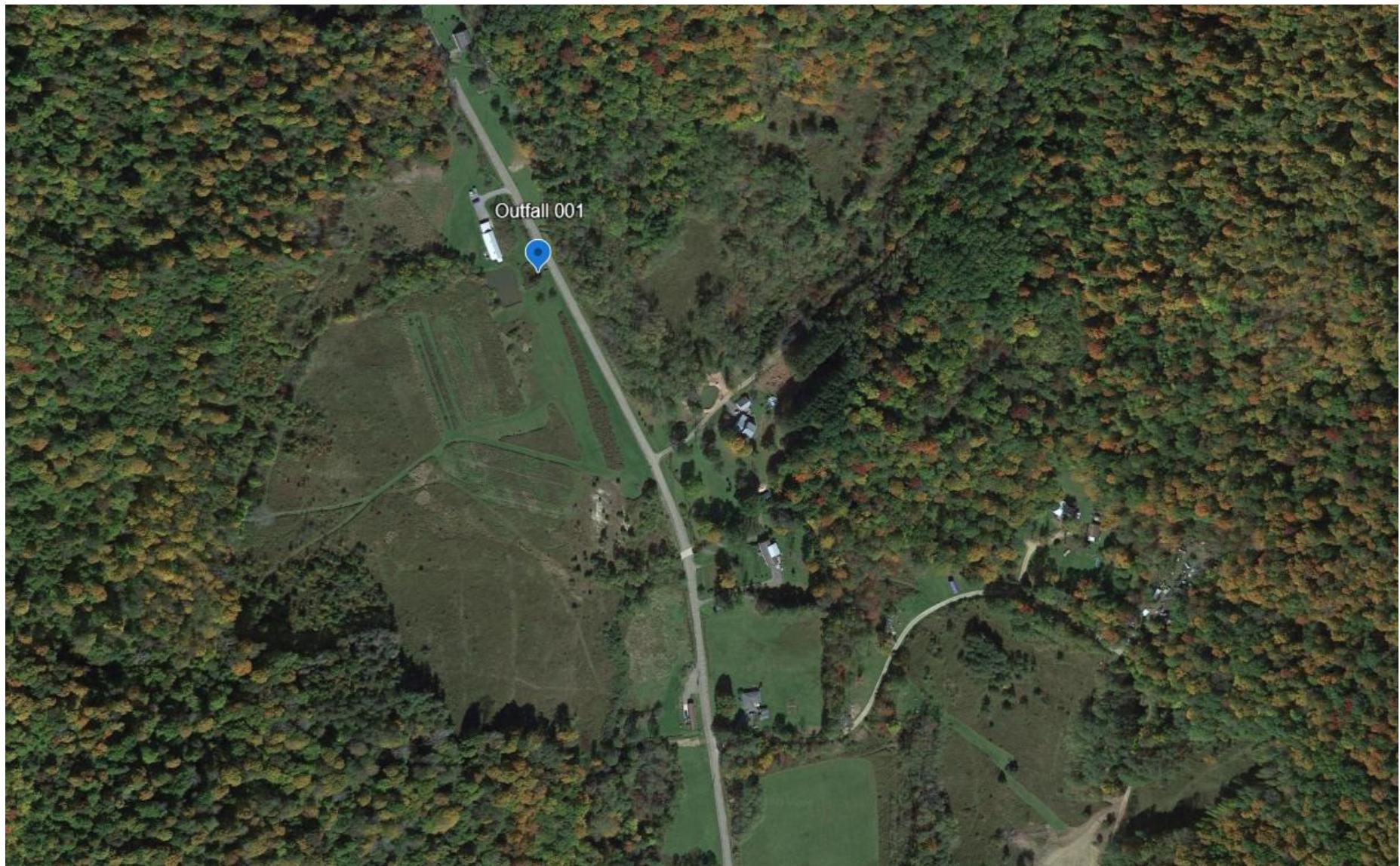
Other Comments: Flow and TRC are monitor only based on Chapter 92a.61. The limits for pH are technology-based on Chapter 93.7. The limits for BOD5, Total Suspended Solids, and Fecal Coliforms are technology-based on Chapter 92a.47

Attachment 1

eMap – Location Map



Attachment 2
Google Earth Imagery



Attachment 3
StreamStats Report

StreamStats Report

Region ID:

PA

Workspace ID:

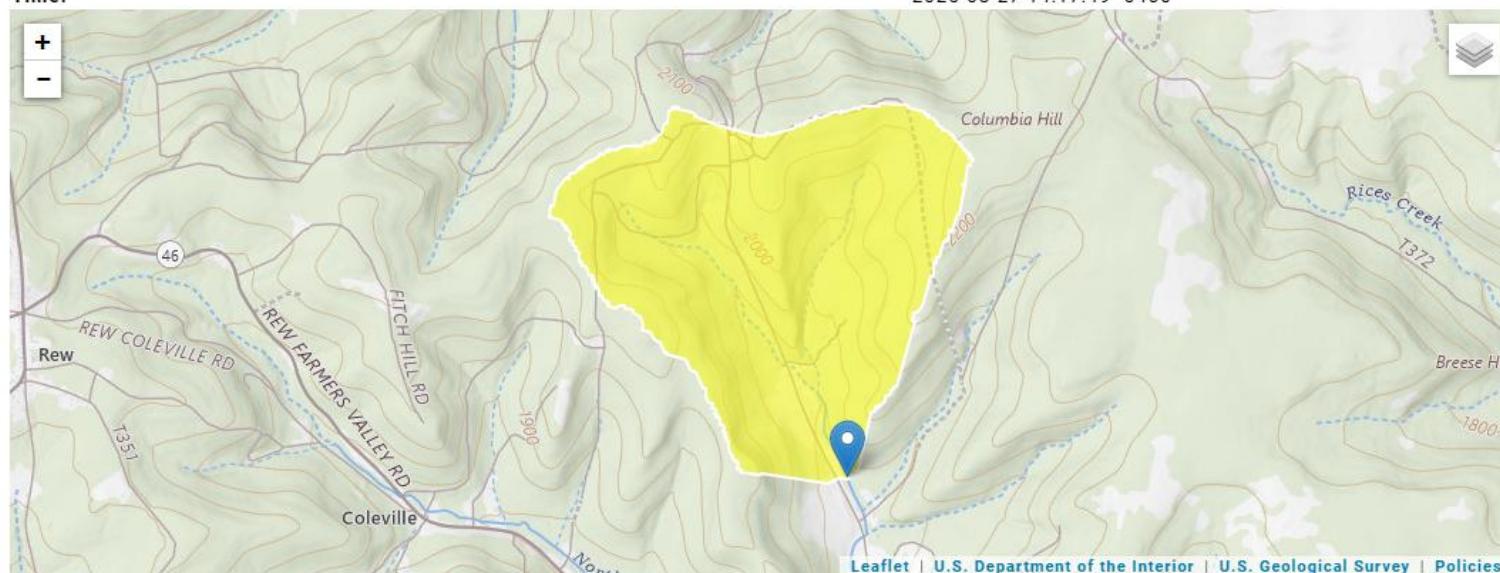
PA20250827181727162000

Clicked Point (Latitude, Longitude):

41.89634, -78.49015

Time:

2025-08-27 14:17:49 -0400



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► Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.97	square miles
ELEV	Mean Basin Elevation	1972	feet
PRECIP	Mean Annual Precipitation	43	inches

➤ Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 3]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.97	square miles	2.33	1720
ELEV	Mean Basin Elevation	1972	feet	898	2700
PRECIP	Mean Annual Precipitation	43	inches	38.7	47.9

Low-Flow Statistics Disclaimers [Low Flow Region 3]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors.

Low-Flow Statistics Flow Report [Low Flow Region 3]

Statistic	Value	Unit
7 Day 2 Year Low Flow	0.117	ft^3/s
30 Day 2 Year Low Flow	0.17	ft^3/s
7 Day 10 Year Low Flow	0.0459	ft^3/s
30 Day 10 Year Low Flow	0.0646	ft^3/s
90 Day 10 Year Low Flow	0.0974	ft^3/s

Low-Flow Statistics Citations

[Stuckey, M.H., 2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p.](#)